LISTING OF THE CLAIMS

The following is a complete listing of all the claims in the application, with an indication of the status of each:

1   1. (Currently amended) A mobile communications system having a wireless control
2   apparatus connected to a mobile communications unit, and a node which is connected
3   to the wireless control apparatus and provided on a packet switching (PS) network
4   side configuring a core network, and has a packet processing capability, wherein
5   the node comprises:
6   PS user data processing unit configured to control means for
7   controlling user data relating to a PS call of the mobile communications unit;
8   CS user data processing unit configured to control means for
9   controlling user data relating to a CS (circuit switching) call of the mobile
10   communications unit; and
11   control unit configured to control means for controlling said PS and CS
12   user data processing units means by controlling signaling relating to the PS call and
13   the CS call.

1   2. (Currently amendedl) The mobile communications system according to claim 1,
2   wherein:
3   the node is located between the wireless control apparatus and an IP network;
4   and
5   said CS user data processing unit means comprises a CODEC for performing
6   mutual conversion between a coding system of user data on a wireless control
7   apparatus side and a coding system on an IP network side.

1   3. (Currently amended) The mobile communications system according to claim 2,
2   wherein
3   said CS user data processing unit means comprises a means for performing
4   mutual conversion unit configured to perform mutual conversion between a packet

5   format of user data on the wireless control apparatus side and a packet format on the

6   IP network side.

1   4. (Original) The mobile communications system according to claim 2, wherein:

2   a connection request relating to the CS call from the mobile communications

3   unit includes information about a connection through the IP network; and

4   the wireless control apparatus detects the information and connects the CS call

5   to the node.

1   5. (Currently amended) A node which is connected to a wireless control apparatus

2   connected to a mobile communications unit and provided on a packet switching (PS)

3   network side configuring a core network of a mobile communications system, and has

4   a packet processing capability, comprising:

5   PS user data processing <u>unit configured to control</u> ~~means for controlling~~ user

6   data relating to a PS call of the mobile communications unit;

7   CS user data processing <u>unit configured to control</u> ~~means for controlling~~ user

8   data relating to a CS (circuit switching) call of the mobile communications unit; and

9   control <u>unit configured to control</u> ~~means for controlling~~ said PS and CS user

10   data processing <u>units</u> ~~means~~ by controlling signaling relating to the PS call and the CS

11   call.

1   6. (Currently amended) The node according to claim 5, wherein:

2   the node is located between the wireless control apparatus and an IP network;

3   and

4   said CS user data processing <u>unit</u> ~~means~~ comprises a CODEC for performing

5   mutual conversion between a coding system of user data on a wireless control

6   apparatus side and a coding system on an IP network side.

1   7. (Currently amended) The node according to claim 6, wherein

2   said CS user data processing <u>unit</u> ~~means~~ comprises <u>a</u> ~~means for~~ performing

3   mutual conversion <u>unit configured to perform mutual conversion</u> between a packet

4　format of user data on the wireless control apparatus side and a packet format on the

5　IP network side.

1　8. (Currently amended) A wireless control apparatus connected to a mobile

2　communications unit and a node which is provided between the wireless control

3　apparatus and an IP network and on a packet switching (PS) network side forming a

4　core network, has a packet processing capability, and comprises:

5　　　　PS user data processing unit configured to control means for controlling user

6　data relating to a PS call of the mobile communications unit;

7　　　　CS user data processing unit configured to control means for controlling user

8　data relating to a CS (circuit switching) call of the mobile communications unit; and

9　　　　control unit configured to control means for controlling said PS and CS user

10　data processing unit means by controlling signaling relating to the PS call and the CS

11　call, wherein:

12　　　　a connection request relating to the CS call from the mobile communications

13　unit includes information about a connection through the IP network; and

14　　　　a detector unit configured to detect means for detecting the information and

15　connecting the CS call to the node is included.

1　9. (Currently amended) An operation control method for a mobile communications

2　system having a wireless control apparatus connected to a mobile communications

3　unit, and a node which is connected to the wireless control apparatus and provided on

4　a packet switching (PS) network side configuring a core network, and has a packet

5　processing capability, wherein

6　　　　the node performs the steps of comprises:

7　　　　a PS user data processing step of controlling user data relating to a PS

8　call of the mobile communications unit;

9　　　　a CS user data processing step of controlling user data relating to a CS

10　(circuit switching) call of the mobile communications unit; and

11　　　　a control step of controlling signaling relating to the PS call and the CS

12　call.

1   10. (Original) The operation control method according to claim 9, wherein:

2   the node is located between the wireless control apparatus and an IP network;

3   and

4   the CS user data processing step comprises a step of performing mutual

5   conversion between a coding system of user data on a wireless control apparatus side

6   and a coding system on an IP network side.

1   11. (Original) The operation control method according to claim 10, wherein

2   the CS user data processing step comprises a step of performing mutual

3   conversion between a packet format of user data on a wireless control apparatus side

4   and a packet format on an IP network side.

1   12. (Original) The operation control method according to claim 10, wherein:

2   a connection request relating to the CS call from the mobile communications

3   unit includes information about a connection through the IP network; and

4   the wireless control apparatus comprises the steps of detecting the information

5   and connecting the CS call to the node.

1   13. (Currently amended) A record medium <u>encoded with</u> ~~recording~~ a program <u>that</u>

2   <u>can be executed by a computer which is</u> used to direct a computer to perform an

3   operation of a node which is connected to a wireless control apparatus connected to a

4   mobile communications unit and provided on a packet switching (PS) network side

5   configuring a core network of a mobile communications system, and has a packet

6   processing capability, comprising:

7   a PS user data processing step of controlling user data relating to a PS call of

8   the mobile communications unit;

9   a CS user data processing step of controlling user data relating to a CS (circuit

10   switching) call of the mobile communications unit; and

11   a control step of controlling signaling relating to the PS call and the CS call.

1   14. (Original) The record medium according to claim 13, wherein:

2   the node is located between the wireless control apparatus and an IP network;

3   and

4   the CS user data processing steps comprises a step of performing mutual

5   conversion between a coding system of user data on a wireless control apparatus side

6   and a coding system on an IP network side.

1   15. (Original) The record medium according to claim 14, wherein

2   the CS user data processing step comprises a step of performing mutual

3   conversion between a packet format of user data on the wireless control apparatus side

4   and a packet format on the IP network side.

1   16. (New) The mobile communication system according to claim 1, wherein the node

2   is a SGSN (serving global packet service support node).

1   17. (New) the node according to claim 5, wherein the node is a SGSN (serving gloval

2   packet service support node).